

# EAST Search History (Prior Art) /DC/ - 6/1/2011

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6046119").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 17:05
S2	1	("20070158043").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/23 17:06
S3	2902	(Nishida-R\$ Naka-H\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/23 17:08
S4	2728	(162/109,141,145,146,153,157.2,157.4). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:44
S5	3106	(162/158,164.1,168.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:45
S6	1188	(162/135).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:45
S7	8615	(428/221,323,327).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/03/24 13:45
S8	393	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 13:45
S9	14	S8 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 13:45
S10	2902	(Nishida-R\$ Naka-H\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:00

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S11	10	S10 and (inorganic adj fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:00
S12	7	S10 and (absorpt\$3 near3 paper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/24 14:06
S13	4	((("6429265") or ("6387970") or ("6080797") or ("7468414"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/24 14:07
S14	9	((("4312907") or ("5433994") or ("5626950") or ("5691421") or ("5753568") or ("6046119") or ("6080797") or ("6348422") or ("5763335"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/24 14:17
S15	109	paper and ((glass carbon inorganic) near5 fiber) and (particle near6 (crosslink\$3 (cross adj link\$3))) and (acrylic nitrile) and (hydrazine divinylbenzene) and (carboxyl\$2) and ((wood pulp acrylic) near8 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:18
S16	1963	(moisture humidity) near5 ((absorbing absorpti\$2) near3 (desorbing desorpti\$2 releasing))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:21
S17	155	S16 with (paper nonwoven)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:21
S18	45	S16 and (fiber same synthetic same (inorganic glass carbon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:22
S19	9	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:22
S20	2	S19 and (acrylic near10 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:23
S21	101	paper and (fiber same (acrylic near2 fibrillated))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:23

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S22	170104	(Nishida-R\$ Hiraoka-M\$ Tanaka-K\$ Yamamoto-Y\$ Kaibe-H\$ Nishimoto-A\$ Takahashi-K\$ Fukuoka-S\$ Takamiya-H\$ Sumitani-T\$ Ieno-M\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:23
S23	10221	S22 and (moisture adj absorbing) ((absorbing absorpt\$3) with (desorbing desorpt\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:24
S24	10221	S23 and ((moisture adj absorbing) ((absorbing absorpt\$3) with (desorbing desorpt\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:24
S25	1347	S24 and (distilled deionized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:25
S26	29	S24 and (cation\$2 near2 concentration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:25
S27	9053	((moisture adj absorbing) ((absorb\$3 absorpt\$3) with (desorb\$3 desorpt\$3 releas\$3))) with (polymer particle particulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:26
S28	3256	S27 and (crosslink\$3 (cross adj link\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:26
S29	1083	S28 and (distilled deionized)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:27
S30	30	S28 and (cation\$2 near2 concentration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:27
S31	1093	S29 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:28

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S32	759	S31 and ((acrylic acrylate acrylonitrile) same (\$3polymer particle particulate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:28
S33	719	S32 and ((carboxylic acid) same (\$3polymer particle particulate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:28
S34	662	S33 and ((crosslink\$3 (cross adj link\$3)) same (\$3polymer particle particulate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:29
S35	3081	(deionized adj water) with (polymeriz\$3 polymerization)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:30
S36	2254	(acrylic acrylate acrylonitrile) and ((deionized adj water) with (polymeriz\$3 polymerization))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:30
S37	99389	(carboxylic near5 salt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:30
S38	250	S35 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:30
S39	13	S38 and (cation near3 exchange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:32
S40	162	S37 with (cation near3 exchange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:33
S41	81	(absorbent near3 (polymer particle particulate)) and crosslinked and ((distilled deionized) same (dispers\$3 emulsion emulsified)) and (carboxylic near6 salt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:33

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S42	77	(absorb\$3) and ((distilled deionized) with (carboxylic near6 salt))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:33
S43	510	(absorb\$3) and (carboxylic near6 salt) and ((distilled deionized) with polymeriz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:33
S44	16	S43 and (cation near3 exchange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/25 11:34
S45	6	((("5791153") or ("6429265") or ("20020055581") or ("5691421") or ("6080797") or ("6387970")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/12 15:26
S46	1	("20070158043").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/16 20:18
S47	6	((("5791153") or ("6429265") or ("20020055581") or ("5691421") or ("6080797") or ("6387970")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/17 07:50
S49	315	((moisture humidity) and (absorbing absorpti\$2) and (desorbing desorpti\$2 releasing) and paper)	EPO; JPO; DERWENT	OR	ON	2011/06/01 08:41
S50	2	S49 and ((amount concentration) near5 cation\$2)	EPO; JPO; DERWENT	OR	ON	2011/06/01 08:42
S51	550	((moisture humidity) and (absorbing absorpti\$2) and (desorbing desorpti\$2 releasing) and paper and ((amount concentration) near5 cation\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/01 08:48
S52	1	((((moisture humidity) with (absorbing absorpti\$2) with (paper sheet filter product)) and ((moisture humidity) with (desorbing desorpti\$2 releasing) with (paper sheet filter product)) and ((amount concentration) near5 cation\$2) near5 (ppm (parts adj2 million)))	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/01 08:50

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S48	0	(Nishida-R\$ Naka-H\$).in.	UPAD	OR	ON	2010/05/17 14:52

## EAST Search History (Interference)

S53	1	((moisture humidity) and (absorbing absorpti\$2) and (desorbing desorpti\$2 releasing) and paper and ((amount concentration) near5 cation\$2)).clm.	US-PGPUB; UPAD	OR	ON	2011/06/01 08:48
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